

## ABSTRACT OF THE DISCLOSURE

A method of forming a penetration electrode in which an electroconductive substance is inserted into a micropore that has one end blocked off only by wiring and a pad formed by an electroconductive substance without the wiring and pad being broken. In this method of forming a penetration electrode, an electroconductive substance is inserted into the micropore that penetrates a substrate and that has one aperture blocked off by an electroconductive thin film. After a protective member that holds the electroconductive thin film is provided on a surface on the electroconductive thin film side of the substrate, an electroconductive substance is inserted from the other aperture of the micropore.